

METHOD FOR CARRYING OUT A KEYLESS ACCESS AUTHORISATION CHECK AND KEYLESS ACCESS AUTHORISATION CHECK DEVICE

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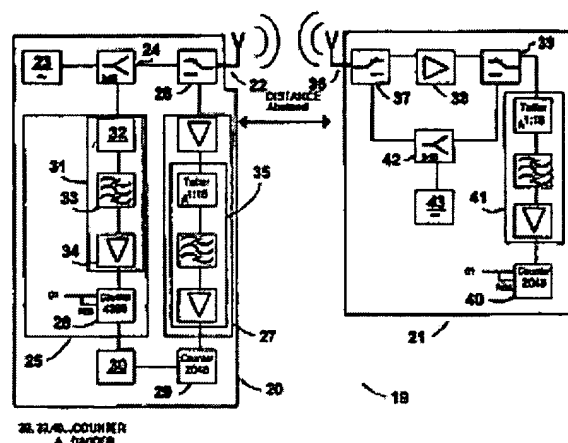
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Abstract of WO0012848

The invention relates to a method for carrying out a keyless access authorisation check by means of wireless communication between a transceiver unit that is allocated to a base station and a mobile identification transmitter (ID transmitter), in order to check that the person carrying the ID transmitter is authorised to gain access. The inventive method comprises the following steps: A code signal is sent by the transceiver unit of the base station and is received by the ID transmitter; the ID transmitter performs an action which can be detected by the transceiver unit and which serves as a reply signal of the ID transmitter upon receipt of the code signal; and the action of the ID transmitter is detected and the distance between the base station and the ID transmitter determined. The determination of distance is based on a relative determination of the differences in a signal characteristic which correlates with the propagation time and which changes according to path, comparing a base station-end, monitored reference code signal and the reply signal received by the transceiver unit. The invention also relates to a device for carrying out the method.



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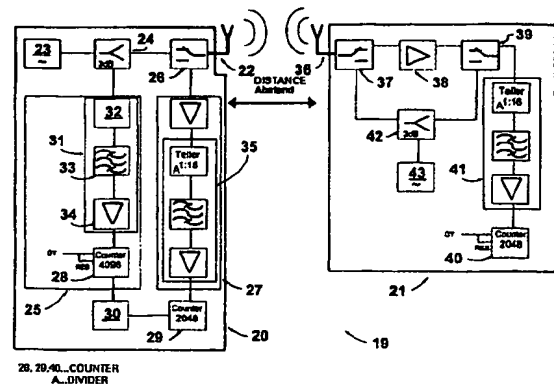
Vor Ablauf der für Änderungen der Ansprüche zugelassenen
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(54) Bezeichnung: VERFAHREN ZUM DURCHFÜHREN EINER SCHLÜSSELLOSEN ZUGANGSBERECHTIGUNGSKONTROLLE
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(57) Abstract

The invention relates to a method for carrying out a keyless access authorisation check by means of wireless communication between a transceiver unit that is allocated to a base station and a mobile identification transmitter (ID transmitter), in order to check that the person carrying the ID transmitter is authorised to gain access. The inventive method comprises the following steps: A code signal is sent by the transceiver unit of the base station and is received by the ID transmitter; the ID transmitter performs an action which can be detected by the transceiver unit and which serves as a reply signal of the ID transmitter upon receipt of the code signal; and the action of the ID transmitter is detected and the distance between the base station and the ID transmitter determined. The determination of distance is based on a relative determination of the differences in a signal characteristic which correlates with the propagation time and which changes according to path, comparing a base station-end, monitored reference code signal and the reply signal received by the transceiver unit. The invention also relates to a device for carrying out the method.



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